

## Overview

This standard covers the skills for marking out and measuring materials for the manufacture of jewellery or silverware components. You will select the appropriate marking out equipment and check that it is in usable condition, and mark out patterns and designs on different materials using appropriate methods. As part of this standard it is important that you avoid excessive waste.

---

## Performance criteria

*You must be able to:*

1. select **marking out and measuring tools** for different purposes in line with project needs and industry best practice
2. check that **marking out and measuring tools** are fit-for-purpose in line with project needs and industry best practice
3. report any malfunctioning **marking out and measuring tools** to supervisors in line with workplace instructions
4. follow **instructions** for marking out materials for different purposes in line with project needs and industry best practice
5. use marking out tools on metal surfaces to set specifications and dimensions in line with drawings and workplace instructions
6.  
avoid excessive waste of materials when marking out in line with industry best practice

---

## Knowledge and understanding

### *You need to know and understand:*

1. how to extract dimensions from drawings and specifications
2. common symbols, terminologies and conventions used within drawings and specifications
3. how to produce detailed drawings by hand and by computer
4. methods for marking out
5. workplace rules and instructions
6. the importance of accurate measurements when marking out
7. how to use marking out and measuring tools and equipment
8. how to check for faults in marking out and measuring tools
9. who to report faults with tools to
10. best practice for marking out and measuring in chosen jewellery industry

CCSJ23

Mark out and measure materials for jewellery or silverware components



---

## Scope/range